

MAY 17 2006

## OFFICIAL COMMUNICATION FOR ENTRY

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## FACSIMILE TRANSMITTAL SHEET

|                          |                                     |
|--------------------------|-------------------------------------|
| TO:                      | FROM:                               |
| Paul W. Schlie, Examiner | Kirk D. Wong                        |
| COMPANY:                 | DATE:                               |
| USPTO                    | MAY 17, 2006                        |
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| (571) 272-6765           | 50277-2390                          |
| RE:                      | U.S. SERIAL NUMBER:                 |
| Response for Filing      | 10/771,573                          |

☒ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

## NOTES/COMMENTS:

Attached for filing purposes is a Response Pursuant to 37 C.F.R. §1.111 and an Amendment No Fee Transmittal (in duplicate) with fee authorization if necessary.

Sincerely,

Kirk D. wong

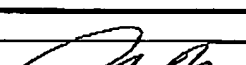
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MAY 17 2006

PTO/SB/17 (12/04)

Approved for use through 09/30/2005. OMB 0851-0032  
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| <b>AMENDMENT NO FEE<br/>TRANSMITTAL<br/>for FY 2006</b><br><br><i>Patent fees are subject to annual revision,<br/>Small Entity payments must be supported by a small entity statement,<br/>otherwise large entity fees must be paid. See Forms PTO/SB/09-12<br/>See 37 C.F.R. §§ 1.27 AND 1.28</i>   |   | <b>Complete if Known</b><br>Application Number: 10/771,573<br>Filing Date: February 3, 2004<br>First Named Inventor: Kumar Rajamani, et al.<br>Examiner Name: Paul W. Schlie<br>Group/Art Unit: 2186<br>Attorney Docket No.: 50277-2390  |                |  |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
|--|---|--|----------------|--|----------|-----------------|----------|-----------------|----------|----------|----------|----------|----------|------|-----|--------------------|----|-------------------------------------|-----|------|-----|--------------------|----|--|-----|------|-----|-------------------------|----|--|-----|------|-----|------------------------------|-----|---|-----|------|-------|-----------------------------|-----|--|-----|------|-------|----------------------------------|-----|---|--|------|-------|------|-------|--|---------------------|--------------|----------------|----------|-----|------------------|---|-------|------|------|-----|--|--------|------|--------------------|------|-----|----------------------------------|--|--------------|-------|--------------|-----|------------------------------------|----------|----------|----------|----------|----------|--------------------------------|----|------|-----|------------------------|-----|------------------|-----|------|-----|-----------------------------------|-----|-----------------|-----|------|-----|---------------------------------------|-----|--|-----|------|-----|---|-----|---|----|------|-----|---|-----|--|--|------|-----|------|------|--|--|------|----|------|----|--|--|------|-----|------|-----|---|--|------|-----|------|-----|--|--|---------------------------|--|--|--|--|--|---------------------------|--|--|--|--|--|
| TOTAL AMOUNT OF PAYMENT (\$)   |   | TOTAL (\$)   |                |  |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| <b>METHOD OF PAYMENT (check one)</b><br>1. <input checked="" type="checkbox"/> Throughout the pendency of this application, please charge any additional fees, including any required extension of time fees, and credit all overpayments to deposit account 50-1302. A duplicate of this sheet is enclosed.<br>Deposit Account Number: 50-1302<br>Deposit Account Name: Hickman Palermo Truong & Becker, LLP<br>2. <input type="checkbox"/> Payment Enclosed:<br><input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other<br>3. <input type="checkbox"/> Applicant(s) is entitled to small entity status. See 37 CFR 1.27.  |   | <b>FEE CALCULATION (continued)</b><br><table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1251</td><td>120</td><td>2251</td><td>60</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>450</td><td>2252</td><td>225</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>1,020</td><td>2253</td><td>510</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,590</td><td>2254</td><td>795</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>2,160</td><td>2255</td><td>1,080</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>500</td><td>2401</td><td>250</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>500</td><td>2402</td><td>250</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1452</td><td>500</td><td>2452</td><td>250</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,500</td><td>2453</td><td>750</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,400</td><td>2501</td><td>700</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>800</td><td>2502</td><td>400</td><td>Design issue fee</td><td></td></tr> <tr><td>1504</td><td>300</td><td>2504</td><td>300</td><td>Publication Fee</td><td></td></tr> <tr><td>1462</td><td>400</td><td>1462</td><td>400</td><td>Petitions Director not specifically provided for Group I</td><td></td></tr> <tr><td>1463</td><td>200</td><td>1463</td><td>200</td><td>Petitions Director not specifically provided for Group II</td><td></td></tr> <tr><td>1464</td><td>130</td><td>1464</td><td>130</td><td>Petitions Director not specifically provided for Group III</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>790</td><td>2809</td><td>395</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>790</td><td>2810</td><td>395</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> </tbody> </table> |                | Large Entity   |          | Small Entity    |          | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 1051 | 130 | 2051               | 65 | Surcharge - late filing fee or oath |     | 1052 | 50  | 2052               | 25 | Surcharge - late provisional filing fee or cover sheet |     | 1251 | 120 | 2251                    | 60 | Extension for reply within first month |     | 1252 | 450 | 2252                         | 225 | Extension for reply within second month |     | 1253 | 1,020 | 2253                        | 510 | Extension for reply within third month |     | 1254 | 1,590 | 2254                             | 795 | Extension for reply within fourth month |  | 1255 | 2,160 | 2255 | 1,080 | Extension for reply within fifth month |                     | 1401         | 500            | 2401     | 250 | Notice of Appeal |   | 1402  | 500  | 2402 | 250 | Filing a brief in support of an appeal |        | 1452 | 500                | 2452 | 250 | Petition to revive - unavoidable |  | 1453         | 1,500 | 2453         | 750 | Petition to revive - unintentional |          | 1501     | 1,400    | 2501     | 700      | Utility issue fee (or reissue) |    | 1502 | 800 | 2502                   | 400 | Design issue fee |     | 1504 | 300 | 2504                              | 300 | Publication Fee |     | 1462 | 400 | 1462                                  | 400 | Petitions Director not specifically provided for Group I |     | 1463 | 200 | 1463  | 200 | Petitions Director not specifically provided for Group II |    | 1464 | 130 | 1464  | 130 | Petitions Director not specifically provided for Group III |  | 1806 | 180 | 1806 | 180  | Submission of information Disclosure Stmt              |  | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) |  | 1809 | 790 | 2809 | 395 | Filing a submission after final rejection (37 CFR § 1.129(a)) |  | 1810 | 790 | 2810 | 395 | For each additional invention to be examined (37 CFR § 1.129(b)) |  | Other fee (specify) _____ |  |  |  |  |  | Other fee (specify) _____ |  |  |  |  |  |
| Large Entity   |   | Small Entity   |                | Fee Description  | Fee Paid |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| Fee Code   | Fee (\$)  | Fee Code   | Fee (\$)       |  |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1051   | 130   | 2051   | 65             | Surcharge - late filing fee or oath  |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1052   | 50  | 2052   | 25             | Surcharge - late provisional filing fee or cover sheet                     |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1251   | 120   | 2251   | 60             | Extension for reply within first month                                     |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1252   | 450   | 2252   | 225            | Extension for reply within second month                                    |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1253   | 1,020   | 2253   | 510            | Extension for reply within third month                                     |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1254   | 1,590   | 2254   | 795            | Extension for reply within fourth month                                    |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1255   | 2,160   | 2255   | 1,080          | Extension for reply within fifth month                                     |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1401   | 500   | 2401   | 250            | Notice of Appeal   |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1402   | 500   | 2402   | 250            | Filing a brief in support of an appeal                                     |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1452   | 500   | 2452   | 250            | Petition to revive - unavoidable   |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1453   | 1,500   | 2453   | 750            | Petition to revive - unintentional   |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1501   | 1,400   | 2501   | 700            | Utility issue fee (or reissue)   |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1502   | 800   | 2502   | 400            | Design issue fee   |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1504   | 300   | 2504   | 300            | Publication Fee  |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1462   | 400   | 1462   | 400            | Petitions Director not specifically provided for Group I                   |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1463   | 200   | 1463   | 200            | Petitions Director not specifically provided for Group II                  |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1464   | 130   | 1464   | 130            | Petitions Director not specifically provided for Group III                 |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1806   | 180   | 1806   | 180            | Submission of information Disclosure Stmt                                  |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 8021   | 40  | 8021   | 40             | Recording each patent assignment per property (times number of properties) |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1809   | 790   | 2809   | 395            | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1810   | 790   | 2810   | 395            | For each additional invention to be examined (37 CFR § 1.129(b))           |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| Other fee (specify) _____  |   |  |                |  |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| Other fee (specify) _____  |   |  |                |  |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| <b>FEE CALCULATION</b><br><b>1. BASIC FILING FEE</b><br><table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1011</td><td>300</td><td>2011</td><td>150</td><td>Utility filing fee</td><td></td></tr> <tr><td>1111</td><td>500</td><td>2111</td><td>250</td><td>Utility Search fee</td><td></td></tr> <tr><td>1311</td><td>200</td><td>2311</td><td>100</td><td>Utility Examination fee</td><td></td></tr> <tr><td>1081</td><td>250</td><td>2081</td><td>125</td><td>Utility Application Size Fee</td><td></td></tr> <tr><td>1005</td><td>200</td><td>2005</td><td>100</td><td>Provisional Application Fee</td><td></td></tr> <tr><td>1085</td><td>250</td><td>2085</td><td>125</td><td>Provisional Application Size Fee</td><td></td></tr> <tr><td colspan="5" style="text-align: right;">SUBTOTAL (1)</td><td>(\$)</td></tr> </tbody> </table> <b>2. EXTRA CLAIM FEES</b><br><table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Total Claims</th> <th>Highest Paid Claims</th> <th>Extra Claims</th> <th>Fee from Below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>42</td> <td>42**</td> <td>0</td> <td>50.00</td> <td>0.00</td> </tr> <tr> <td>1</td> <td>1</td> <td>0</td> <td>200.00</td> <td>0.00</td> </tr> <tr> <td colspan="5">Multiple Dependent</td> </tr> </tbody> </table> <p>**or number previously paid, if greater; For Reissues, see below</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1202</td><td>50</td><td>2202</td><td>25</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>200</td><td>2201</td><td>100</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203</td><td>360</td><td>2203</td><td>180</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>1204</td><td>200</td><td>2204</td><td>100</td><td>**Reissue independent claims over original patent</td><td></td></tr> <tr><td>1205</td><td>50</td><td>2205</td><td>25</td><td>**Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr><td colspan="5" style="text-align: right;">SUBTOTAL (2)</td><td>(\$)</td></tr> </tbody> </table> |   | Large Entity   |                | Small Entity   |          | Fee Description | Fee Paid | Fee Code        | Fee (\$) | Fee Code | Fee (\$) | 1011     | 300      | 2011 | 150 | Utility filing fee |    | 1111                                | 500 | 2111 | 250 | Utility Search fee |    | 1311   | 200 | 2311 | 100 | Utility Examination fee |    | 1081                                   | 250 | 2081 | 125 | Utility Application Size Fee |     | 1005                                    | 200 | 2005 | 100   | Provisional Application Fee |     | 1085                                   | 250 | 2085 | 125   | Provisional Application Size Fee |     | SUBTOTAL (1)                            |  |      |       |      | (\$)  | Total Claims                           | Highest Paid Claims | Extra Claims | Fee from Below | Fee Paid | 42  | 42**             | 0 | 50.00 | 0.00 | 1    | 1   | 0                                      | 200.00 | 0.00 | Multiple Dependent |      |     |                                  |  | Large Entity |       | Small Entity |     | Fee Description                    | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 1202                           | 50 | 2202 | 25  | Claims in excess of 20 |     | 1201             | 200 | 2201 | 100 | Independent claims in excess of 3 |     | 1203            | 360 | 2203 | 180 | Multiple dependent claim, if not paid |     | 1204   | 200 | 2204 | 100 | **Reissue independent claims over original patent |     | 1205  | 50 | 2205 | 25  | **Reissue claims in excess of 20 and over original patent |     | SUBTOTAL (2)   |  |      |     |      | (\$) | SUBTOTAL (3) (\$)<br>*Reduced by Basic Filing Fee Paid |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| Large Entity   |   | Small Entity   |                | Fee Description  | Fee Paid |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| Fee Code   | Fee (\$)  | Fee Code   | Fee (\$)       |  |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1011   | 300   | 2011   | 150            | Utility filing fee   |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1111   | 500   | 2111   | 250            | Utility Search fee   |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1311   | 200   | 2311   | 100            | Utility Examination fee  |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1081   | 250   | 2081   | 125            | Utility Application Size Fee   |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1005   | 200   | 2005   | 100            | Provisional Application Fee  |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1085   | 250   | 2085   | 125            | Provisional Application Size Fee   |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| SUBTOTAL (1)   |   |  |                |  | (\$)     |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| Total Claims   | Highest Paid Claims   | Extra Claims   | Fee from Below | Fee Paid   |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 42   | 42**  | 0  | 50.00          | 0.00   |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1  | 1   | 0  | 200.00         | 0.00   |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| Multiple Dependent   |   |  |                |  |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| Large Entity   |   | Small Entity   |                | Fee Description  | Fee Paid |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| Fee Code   | Fee (\$)  | Fee Code   | Fee (\$)       |  |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1202   | 50  | 2202   | 25             | Claims in excess of 20   |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1201   | 200   | 2201   | 100            | Independent claims in excess of 3  |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1203   | 360   | 2203   | 180            | Multiple dependent claim, if not paid                                      |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1204   | 200   | 2204   | 100            | **Reissue independent claims over original patent                          |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| 1205   | 50  | 2205   | 25             | **Reissue claims in excess of 20 and over original patent                  |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| SUBTOTAL (2)   |   |  |                |  | (\$)     |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| SUBMITTED BY   |   | SUBTOTAL (3) (\$)  |                |  |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| Name (Print/Type)  | Kirk D. Wong  | Registration No. (Attorney/Agent)  | 43,284         |  |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
| Signature  |  | Telephone  | (408) 414-1080 |  |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |
|  |   | Date   | May 17, 2006   |  |          |                 |          |                 |          |          |          |          |          |      |     |                    |    |                                     |     |      |     |                    |    |  |     |      |     |                         |    |  |     |      |     |                              |     |   |     |      |       |                             |     |  |     |      |       |                                  |     |   |  |      |       |      |       |  |                     |              |                |          |     |                  |   |       |      |      |     |  |        |      |                    |      |     |                                  |  |              |       |              |     |                                    |          |          |          |          |          |                                |    |      |     |                        |     |                  |     |      |     |                                   |     |                 |     |      |     |                                       |     |  |     |      |     |   |     |   |    |      |     |   |     |  |  |      |     |      |      |  |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |                           |  |  |  |  |  |                           |  |  |  |  |  |

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Kumar Rajamani, et al.

Serial No.: 10/771,573

Filed: February 3, 2004

For: METHOD AND APPARATUS FOR EFFICIENT  
RUNTIME MEMORY ACCESS IN A DATABASE

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Confirmation No.: 3732

Group Art Unit No.: 2186

Examiner: Paul W. Schlie

**RESPONSE PURSUANT TO 37 C.F.R. § 1.111**

Sir:

This is in response to the Office Action mailed February 17, 2006, the shortened statutory period for which runs until May 17, 2006. This response is presented in the format allowed by the Notice of the Office of Patent Legal Administration issued January 31, 2003.

Amendments to the specification, claims, and Remarks, are presented on separate sheets below.